

```
HIGHLIGHT set on as ''
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? begin 5,73,155,399
    09aug09 08:33:43 User208760 Session D3084.2
        $0.00      0.119 DialUnits File410
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    $0.03  TELNET
    $0.03  Estimated cost this search
    $0.64  Estimated total session cost   0.289 DialUnits
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SYSTEM:OS - DIALOG OneSearch
File 5:Biosis Previews(R) 1926-2009/Aug W1
(c) 2009 The Thomson Corporation
File 73:EMBASE 1974-2009/Aug 05
(c) 2009 Elsevier B.V.
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*File 73: EMBASE Classic available to all Dialog customers.
See HELP NEWS 772 for information.

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File 155:MEDLINE(R) 1950-2009/Aug 06
(c) format only 2009 Dialog
File 399:CA SEARCH(R) 1967-2009/UD=15106
(c) 2009 American Chemical Society
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*File 399: Use is subject to the terms of your user/customer agreement.
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

Set	Items	Description
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? e au=sackstein robert ?
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Ref	Items	Index-term
E1	2	AU=SACKSTEIN R.D.
E2	146	AU=SACKSTEIN ROBERT
E3	0	*AU=SACKSTEIN ROBERT ?
E4	1	AU=SACKSTEIN ROBERT D
E5	2	AU=SACKSTEIN ROBERTO
E6	6	AU=SACKSTEIN, R.
E7	47	AU=SACKSTEIN, ROBERT
E8	1	AU=SACKSTEIN, ROBERTO
E9	2	AU=SACKSTEM R
E10	111	AU=SACKSTON W E
E11	1	AU=SACKSTON WALLY E
E12	9	AU=SACKSTON, W. E.

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Enter P or PAGE for more
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? s el-e7
    2  AU=SACKSTEIN R.D.
    146 AU=SACKSTEIN ROBERT
    0  AU=SACKSTEIN ROBERT ?
    1  AU=SACKSTEIN ROBERT D
    2  AU=SACKSTEIN ROBERTO
    6  AU=SACKSTEIN, R.
    47 AU=SACKSTEIN, ROBERT
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S1 204 E1-E7
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? s s1 and (hcell or cd44H)
    204 S1
    52 HCELL
    526 CD44H
S2 34 S1 AND (HCELL OR CD44H)
? rd s2
S3 21 RD S2 (unique items)
? t s3/3/all
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3/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0021105732 BIOSIS NO.: 200900447169
Glycosyltransferase-programmed stereosubstitution (GPS) to create
HCELL: engineering a roadmap for cell migration
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Harvard Inst Med,
77 Ave Louis Pasteur, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: Rsackstein@rics.bwh.harvard.edu
JOURNAL: Immunological Reviews 230 p51-74 JUL 2009 2009
ISSN: 0105-2896
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0020748158 BIOSIS NO.: 200900088492
Programming Stem Cell Migration: "Steering" Regenerative Therapeutics by Ex
Vivo Glycan Engineering of HCELL
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Univ, Brigham and Womens Hosp, Sch Med, Boston, MA
02115 USA**USA
JOURNAL: Glycobiology 18 (11): p949 NOV 2008 2008
CONFERENCE/MEETING: Annual Meeting of the Society-for-Glycobiology Ft
Worth, TX, USA November 12 -15, 2008; 20081112
SPONSOR: Soc Glycobiol
ISSN: 0959-6658
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

3/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0020439296 BIOSIS NO.: 200800486235
Colon carcinoma cells express multiple glycoforms of CD44: Structural
biology of HCELL
AUTHOR: Burdick Monica M (Reprint); Silvescu Cristina; Sackstein
Robert
AUTHOR ADDRESS: Ohio Univ, Athens, OH 45701 USA**USA
JOURNAL: Proceedings of the American Association for Cancer Research Annual
Meeting 49 p463 APR 2008 2008
CONFERENCE/MEETING: 99th Annual Meeting of the
American-Association-for-Cancer-Research San Diego, CA, USA April 12 -16,
2008; 20080412
SPONSOR: Amer Assoc Canc Res
ISSN: 0197-016X
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

3/3/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0020430682 BIOSIS NO.: 200800477621
L-selectin-mediated lymphocyte-cancer cell interactions under low fluid shear conditions
AUTHOR: Resto Vicente A; Burdick Monica M; Dagia Nilesh M; McCammon Susan D ; Fennewald Susan M; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Univ, Skin Dis Res Ctr, 77 Ave Louis Pasteur, Rm 671, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Biological Chemistry 283 (23): p15816-15824 JUN 6 2008
ITEM IDENTIFIER: doi:10.1074/jbc.M708899200
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0020168552 BIOSIS NO.: 200800215491
Ex vivo glycan engineering of membrane CD44 to create HCELL programs human mesenchymal stem cell trafficking to bone
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W; Dagia Nilesh M; Spencer Joela A; Lin Charles P; Wohlgemuth Roland
AUTHOR ADDRESS: Brigham and Womens Hosp, Harvard Med Sch, Boston, MA 02115 USA**USA
JOURNAL: Blood 110 (11, Part 1): p72A NOV 16 2007 2007
CONFERENCE/MEETING: 49th Annual Meeting of the American-Society-of-Hematology Atlanta, GA, USA December 08 -11, 2007; 20071208
SPONSOR: Amer Soc Hematol
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

3/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0020118956 BIOSIS NO.: 200800165895
Ex vivo glycan engineering of CD44 programs human multipotent mesenchymal stromal cell trafficking to bone
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W; Dagia Nilesh M; Spencer Joel A; Lin Charles P; Wohlgemuth Roland
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, 75 Francis St, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Nature Medicine 14 (2): p181-187 FEB 2008 2008
ITEM IDENTIFIER: doi:10.1038/nm1703
ISSN: 1078-8956
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0019598682 BIOSIS NO.: 200700258423
HCELL is the major E- and L-selectin ligand expressed on human hematopoietic progenitor cells and colon carcinoma cells.
AUTHOR: Chu Julia T (Reprint); Burdick Monica M; Sackstein Robert
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Med, Boston, MA 02115 USA**
USA
JOURNAL: Blood 108 (11, Part 1): p477A-478A NOV 16 2006 2006
CONFERENCE/MEETING: 48th Annual Meeting of the American-Society-of-Hematology Orlando, FL, USA December 09 -12, 2006;
20061209
SPONSOR: Amer Soc Hematol
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Poster
RECORD TYPE: Abstract
LANGUAGE: English

3/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

19372124 BIOSIS NO.: 200700031865
G-CSF induces E-selectin ligand expression on human myeloid cells
AUTHOR: Dagher Niles M; Gadhoun Samah Z; Knoblauch Christine A; Spencer
Joel A; Zamiri Parisa; Lin Charles P; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Univ, Sch Med, Brigham and Womens Hosp, Dept
Dermatol, 77 Ave Louis Pasteur, Room 671, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Nature Medicine 12 (10): p1185-1190 OCT 2006 2006
ISSN: 1078-8956
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

19252010 BIOSIS NO.: 200600597405
Expression of HCELL confers shear-resistant E- and L-selectin ligand activity on colon carcinoma cells
AUTHOR: Burdick Monica M (Reprint); Chu Julia T; Knoblauch Christine A;
Sackstein Robert
AUTHOR ADDRESS: Brigham and Womens Hosp, Boston, MA 02115 USA**USA
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 47 p801 APR 2006 2006
CONFERENCE/MEETING: 97th Annual Meeting of the American-Association-for-Cancer-Research (AACR) Washington, DC, USA April
01 -05, 2006; 20060401
SPONSOR: Amer Assoc Canc Res
ISSN: 0197-016X
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

3/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

19125608 BIOSIS NO.: 200600471003
HCELL is the major E- and L-selectin ligand expressed on LS174T colon carcinoma cells
AUTHOR: Burdick Monica M; Chu Julia T; Godar Samuel; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Univ, Inst Med, 77 Ave Louis Pasteur,Rm 671, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Biological Chemistry 281 (20): p13899-13905 MAY 19 2006
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

19001424 BIOSIS NO.: 200600346819
Comparative analysis of sialomucin and glycolipid E-selectin ligand activities: Effects of HCELL knockdown
AUTHOR: Burdick Monica M (Reprint); Chu Julia T; Knoblauch Christine A; Sackstein Robert
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Boston, MA 02115 USA**USA
JOURNAL: Glycobiology 15 (11): p1249 NOV 2005 2005
CONFERENCE/MEETING: Meeting of the Society-for-Glycobiology Boston, MA, USA November 09 -12, 2005; 20051109
SPONSOR: Soc Glycobiol
ISSN: 0959-6658
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

3/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

18669741 BIOSIS NO.: 200600015136
CD44 on LS174T colon carcinoma cells possesses E-selectin ligand activity
AUTHOR: Hanley William D; Burdick Monica M; Konstantopoulos Konstantinos; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Inst Med, 77 Ave Louis Pasteur,Room 671, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu
JOURNAL: Cancer Research 65 (13): p5812-5817 JUL 1 2005 2005
ISSN: 0008-5472
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

18075717 BIOSIS NO.: 200400443636
The bone marrow is akin to skin: HCELL and the biology of
hematopoietic stem cell homing
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Inst Med, Harvard Univ, 77 Ave Louis Pasteur, Room 671,
Boston, MA, 02115, USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Investigative Dermatology Symposium Proceedings 9 (3):
p215-223 September 2004 2004
MEDIUM: print
ISSN: 1087-0024 _(ISSN print)
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/14 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

17794738 BIOSIS NO.: 200400162079
CD44/HCELL is an E- and L-selectin ligand on murine hematopoietic
progenitor cells.
AUTHOR: Cain Derek W (Reprint); Schreiber Taylor H (Reprint); Dimitroff
Charles J (Reprint); Chung Christine (Reprint); Otero Jaclyn (Reprint);
Sackstein Robert (Reprint)
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital,
Harvard Medical School, Boston, MA, USA**USA
JOURNAL: Blood 102 (11): p180b November 16, 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of
Hematology San Diego, CA, USA December 06-09, 2003; 20031206
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

3/3/15 (Item 15 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

16627075 BIOSIS NO.: 200200220586
Homing and hematopoiesis: HCELL is the principal E-selectin and
L-selectin ligand of human hematopoietic stem cells
AUTHOR: Sackstein Robert (Reprint); Dimitroff Charles J (Reprint);
Lee Jack Y (Reprint); Fuhlbrigge Robert C (Reprint); Parmar Kalindi;
Mauch Peter M; Sandmaier Brenda M
AUTHOR ADDRESS: Dermatology and Medicine, Brigham and Women's Hospital,
Boston, MA, USA**USA
JOURNAL: Blood 98 (11 Part 1): p710a November 16, 2001 2001
MEDIUM: print
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of
Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract

RECORD TYPE: Abstract
LANGUAGE: English

3/3/16 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

16567681 BIOSIS NO.: 200200161192
Differential L-selectin binding activities of human hematopoietic cell
L-selectin ligands, HCELL and PSGL-1
AUTHOR: Dimitroff Charles J; Lee Jack Y; Schor Kenneth S; Sandmaier Brenda
M; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Institutes of Medicine, Harvard Skin Disease
Research Center, 77 Ave. Louis Pasteur, Boston, MA, 02115, USA**USA
JOURNAL: Journal of Biological Chemistry 276 (50): p47623-47631 December
14, 2001 2001
MEDIUM: print
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/17 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2009 American Chemical Society. All rts. reserv.

148198515 CA: 148(9)198515n PATENT
A method of modulating expression of selectin ligands on cells by
modulating cytokine induction of glycosylation enzymes, and uses thereof
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
PATENT: PCT International ; WO 200811094 A2 DATE: 20080124
APPLICATION: WO 2007US16352 (20070718) *US 2006PV831525 (20060718)
PAGES: 61pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:

IPC8/ + Level	Value	Position	Status	Version	Action	Source	Office:
C12N-0005/06	A	I	F	B	20060101	H	EP
A61K-0038/19	A	I	L	B	20060101	H	EP
A61K-0038/20	A	I	L	B	20060101	H	EP
A61K-0038/17	A	I	L	B	20060101	H	EP
A61K-0039/395	A	I	L	B	20060101	H	EP
A61P-0029/00	A	I	L	B	20060101	H	EP
A61P-0035/00	A	I	L	B	20060101	H	EP
A61P-0009/10	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW;
BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI;
GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP;
KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY;
MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK;
SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ DESIGNATED REGIONAL: AT; BE; BG; CH;
CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;
MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;
ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG;
ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

3/3/18 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2009 American Chemical Society. All rts. reserv.

145342289 CA: 145(17)342289z PATENT
HCELL (hematopoietic cell E-selectin/L-selectin ligand) glycoforms of CD44, a method of increasing the stem cell affinity for selectin, and therapeutic uses

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

PATENT: U.S. Pat. Appl. Publ. ; US 20060210558 A1 DATE: 20060921

APPLICATION: US 2005272453 (20051110) *US 2000PV240987 (20001018) *US 2001PV297474 (20010611) *US 200142421 (20011018) *US 2004PV627464 (20041112) *US 2005PV673982 (20050422)

PAGES: 70pp., Cont.-in-part of U.S. Ser. No. 42,421. CODEN: USXXCO

LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 424140100

IPC8 + Level	Value	Position	Status	Version	Action	Source	Office	
A61K-0039/00	A	I	F	B	20060101	20060921	H	US
A61K-0039/395	A	I	L	B	20060101	20060921	H	US
C12N-0005/08	A	I	L	B	20060101	20060921	H	US
C07K-0014/705	A	I	L	B	20060101	20060921	H	US

3/3/19 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

145096397 CA: 145(6)96397w PATENT

CD44 glycoforms HCELLs (hematopoietic cell E-selectin/L-selectin ligands), and uses for isolating stem cells and treating and diagnosing disorders

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200668720 A2 DATE: 20060629

APPLICATION: WO 2005US40652 (20051110) *US 200142421 (20011018) *US 2004PV627464 (20041112) *US 2005PV673982 (20050422)

PAGES: 137 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPC8 + Level	Value	Position	Status	Version	Action	Source	Office	
A61K-0048/00	A	I	F	B	20060101	20060921	H	US

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

3/3/20 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142480790 CA: 142(26)480790v PATENT

Antibodies to HCELL glycoform of CD44

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200546597 A2 DATE: 20050526
APPLICATION: WO 2004US37138 (20041108) *US 2003PV518353 (20031107)
PAGES: 71 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:

CLASS: A61K-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; MC;
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;
MR; NE; SN; TD; TG

3/3/21 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2009 American Chemical Society. All rts. reserv.

137017447 CA: 137(2)17447w PATENT
Hematopoietic cell E-selection/L-selectin ligand polypeptides and methods
of use thereof
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
ASSIGNEE: The Brigham and Women's Hospital, Inc.
PATENT: PCT International ; WO 200244342 A2 DATE: 20020606
APPLICATION: WO 2001US51014 (20011018) *US PV240987 (20001018) *US
PV297474 (20010611)
PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12N-000/A
DESIGNATED COUNTRIES: CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK
; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR
? s s1 and (cd44 or kgra)(20n)(heca(w)452 or l(w)selectin or cd62L or lam(w)1)
Processing
204 S1
27325 CD44
14 KGLA
505 HECA
10109 452
452 HECA(W)452
2883652 L
51021 SELECTIN
12760 L(W)SELECTIN
5414 CD62L
12593 LAM
13928083 1
383 LAM(W)1
1383 (CD44 OR KGLA)(20N)((HECA(W)452 OR L(W)SELECTIN) OR
CD62L) OR LAM(W)1
S4 35 S1 AND (CD44 OR KGLA)(20N)(HECA(W)452 OR L(W)SELECTIN OR
CD62L OR LAM(W)1)
? rd s4
S5 21 RD S4 (unique items)
? t s5/3/all

5/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0021105732 BIOSIS NO.: 200900447169
Glycosyltransferase-programmed stereosubstitution (GPS) to create HCELL:
engineering a roadmap for cell migration
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Harvard Inst Med,
77 Ave Louis Pasteur, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Immunological Reviews 230 p51-74 JUL 2009 2009
ISSN: 0105-2896
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

5/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0020118956 BIOSIS NO.: 200800165895
Ex vivo glycan engineering of CD44 programs human multipotent mesenchymal
stromal cell trafficking to bone
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W;
Dagia Nilesh M; Spencer Joel A; Lin Charles P; Wohlgemuth Roland
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, 75 Francis St,
Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Nature Medicine 14 (2): p181-187 FEB 2008 2008
ITEM IDENTIFIER: doi:10.1038/nm1703
ISSN: 1078-8956
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0019598682 BIOSIS NO.: 200700258423
HCELL is the major E- and L-selectin ligand expressed on human
hematopoietic progenitor cells and colon carcinoma cells.
AUTHOR: Chu Julia T (Reprint); Burdick Monica M; Sackstein Robert
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Med, Boston, MA 02115 USA**
USA
JOURNAL: Blood 108 (11, Part 1): p477A-478A NOV 16 2006 2006
CONFERENCE/MEETING: 48th Annual Meeting of the
American-Society-of-Hematology Orlando, FL, USA December 09 -12, 2006;
20061209
SPONSOR: Amer Soc Hematol
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Poster
RECORD TYPE: Abstract
LANGUAGE: English

5/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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19125608 BIOSIS NO.: 200600471003

HCELL is the major E- and L-selectin ligand expressed on LS174T colon carcinoma cells
AUTHOR: Burdick Monica M; Chu Julia T; Godar Samuel; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Univ, Inst Med, 77 Ave Louis Pasteur,Rm 671, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Biological Chemistry 281 (20): p13899-13905 MAY 19 2006 2006
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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18842637 BIOSIS NO.: 200600188032
Variant isoforms of CD44 are P- and L-selectin ligands on colon carcinoma cells
AUTHOR: Hanley William D; Napier Susan L; Burdick Monica M; Schnaar Ronald L; Sackstein Robert; Konstantopoulos Konstantinos (Reprint)
AUTHOR ADDRESS: Johns Hopkins Univ, Dept Chem and Biomol Engn, 3400 N Charles St, Baltimore, MD 21218 USA**USA
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu
JOURNAL: FASEB Journal 19 (14): DEC 2005 2005
ISSN: 0892-6638
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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18669741 BIOSIS NO.: 200600015136
CD44 on LS174T colon carcinoma cells possesses E-selectin ligand activity
AUTHOR: Hanley William D; Burdick Monica M; Konstantopoulos Konstantinos; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Inst Med, 77 Ave Louis Pasteur,Room 671, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu
JOURNAL: Cancer Research 65 (13): p5812-5817 JUL 1 2005 2005
ISSN: 0008-5472
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

18075717 BIOSIS NO.: 200400443636
The bone marrow is akin to skin: HCELL and the biology of hematopoietic stem cell homing
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Inst Med, Harvard Univ, 77 Ave Louis Pasteur,Room 671,

Boston, MA, 02115, USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Investigative Dermatology Symposium Proceedings 9 (3):
p215-223 September 2004 2004
MEDIUM: print
ISSN: 1087-0024 _ (ISSN print)
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

5/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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17801832 BIOSIS NO.: 200400172589
G-CSF mobilization radically upregulates alpha-1,3-fucosyltransferases-4
and -7 generating high avidity E-selectin ligands on circulating
nucleated cells.
AUTHOR: Schreiber Taylor H (Reprint); Cain Derek W (Reprint); Dimitroff
Charles J (Reprint); Sackstein Robert (Reprint)
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital,
Harvard Medical School, Boston, MA, USA**USA
JOURNAL: Blood 102 (11): p115a November 16, 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of
Hematology San Diego, CA, USA December 06-09, 2003; 20031206
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

5/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

17794738 BIOSIS NO.: 200400162079
CD44/HCELL is an E- and L-selectin ligand on murine
hematopoietic progenitor cells.
AUTHOR: Cain Derek W (Reprint); Schreiber Taylor H (Reprint); Dimitroff
Charles J (Reprint); Chung Christine (Reprint); Otero Jaclyn (Reprint);
Sackstein Robert (Reprint)
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital,
Harvard Medical School, Boston, MA, USA**USA
JOURNAL: Blood 102 (11): p180b November 16, 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of
Hematology San Diego, CA, USA December 06-09, 2003; 20031206
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

5/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

16627075 BIOSIS NO.: 200200220586
Homing and hematopoiesis: HCELL is the principal E-selectin and L-selectin ligand of human hematopoietic stem cells
AUTHOR: Sackstein Robert (Reprint); Dimitroff Charles J (Reprint); Lee Jack Y (Reprint); Fuhlbrigge Robert C (Reprint); Parmar Kalindi; Mauch Peter M; Sandmaier Brenda M
AUTHOR ADDRESS: Dermatology and Medicine, Brigham and Women's Hospital, Boston, MA, USA**USA
JOURNAL: Blood 98 (11 Part 1): p710a November 16, 2001 2001
MEDIUM: print
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

5/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

16567681 BIOSIS NO.: 200200161192
Differential L-selectin binding activities of human hematopoietic cell L-selectin ligands, HCELL and PSGL-1
AUTHOR: Dimitroff Charles J; Lee Jack Y; Schor Kenneth S; Sandmaier Brenda M; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Institutes of Medicine, Harvard Skin Disease Research Center, 77 Ave. Louis Pasteur, Boston, MA, 02115, USA**USA
JOURNAL: Journal of Biological Chemistry 276 (50): p47623-47631 December 14, 2001 2001
MEDIUM: print
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

5/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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16299526 BIOSIS NO.: 200100471365
CD44 is the primary L-selectin ligand on human leukemias
AUTHOR: Dimitroff Charles J (Reprint); Schor Kenneth (Reprint); Lee Jack Y (Reprint); Sackstein Robert (Reprint)
AUTHOR ADDRESS: Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA**USA
JOURNAL: Proceedings of the American Association for Cancer Research Annual Meeting 42 p298 March, 2001 2001
MEDIUM: print
CONFERENCE/MEETING: 92nd Annual Meeting of the American Association for Cancer Research New Orleans, LA, USA March 24-28, 2001; 20010324
ISSN: 0197-016X
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

5/3/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
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15896636 BIOSIS NO.: 200100068475

A distinct glycoform of CD44 is an L-selectin ligand on
human hematopoietic cells

AUTHOR: Dimitroff Charles J; Lee Jack Y; Fuhlbrigge Robert C; Sackstein
Robert (Reprint)

AUTHOR ADDRESS: Harvard Institutes of Medicine, 77 Avenue Louis Pasteur,
Room 671, Boston, MA, 02115, USA**USA

JOURNAL: Proceedings of the National Academy of Sciences of the United
States of America 97 (25): p13841-13846 December 5, 2000 2000

MEDIUM: print

ISSN: 0027-8424

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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12704186 BIOSIS NO.: 199598172019

The effects of corticosteroids on lymphocyte recirculation in humans:

Analysis of the mechanism of impaired lymphocyte migration to lymph node
following methylprednisolone administration

AUTHOR: Sackstein Robert (Reprint); Borenstein Michael

AUTHOR ADDRESS: H Lee Moffitt Cancer Cent., 12902 Magnolia Drive., Tampa, FL
33612, USA**USA

JOURNAL: Journal of Investigative Medicine 43 (1): p68-77 1995 1995

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

5/3/15 (Item 1 from file: 155)

DIALOG(R)File 155:MEDLINE(R)

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17462651 PMID: 16980970

G-CSF induces E-selectin ligand expression on human myeloid cells.

Dagia Niles M; Gadhoun Samah Z; Knoblauch Christine A; Spencer Joel A;
Zamiri Parisa; Lin Charles P; Sackstein Robert

Department of Dermatology, Brigham & Women's Hospital, 77 Avenue Louis
Pasteur, Room 671, Harvard Medical School, Boston, Massachusetts 02115,
USA.

Nature medicine (United States) Oct 2006, 12 (10) p1185-90, ISSN
1078-8956--Print Journal Code: 9502015

Contract/Grant No.: R01 EB000664; EB; NIBIB NIH HHS United States; R01
HL060528; HL; NHLBI NIH HHS United States; R01 HL073714; HL; NHLBI NIH HHS
United States

Publishing Model Print-Electronic

Document type: Journal Article; Research Support, N.I.H., Extramural;
Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

5/3/16 (Item 1 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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148198515 CA: 148(9)198515n PATENT

A method of modulating expression of selectin ligands on cells by modulating cytokine induction of glycosylation enzymes, and uses thereof
INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

PATENT: PCT International ; WO 200811094 A2 DATE: 20080124

APPLICATION: WO 2007US16352 (20070718) *US 2006PV831525 (20060718)

PAGES: 61pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPC/R/8 + Level	Value	Position	Status	Version	Action	Source	Office:
C12N-0005/06	A	I	F	B	20060101	H	EP
A61K-0038/19	A	I	L	B	20060101	H	EP
A61K-0038/20	A	I	L	B	20060101	H	EP
A61K-0038/17	A	I	L	B	20060101	H	EP
A61K-0039/395	A	I	L	B	20060101	H	EP
A61P-0029/00	A	I	L	B	20060101	H	EP
A61P-0035/00	A	I	L	B	20060101	H	EP
A61P-0009/10	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

5/3/17 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

145342289 CA: 145(17)342289z PATENT

HCELL (hematopoietic cell E-selectin/L-selectin ligand) glycoforms of CD44, a method of increasing the stem cell affinity for selectin, and therapeutic uses

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

PATENT: U.S. Pat. Appl. Publ. ; US 20060210558 A1 DATE: 20060921

APPLICATION: US 2005272453 (20051110) *US 2000PV240987 (20001018) *US 2001PV297474 (20010611) *US 200142421 (20011018) *US 2004PV627464 (20041112) *US 2005PV673982 (20050422)

PAGES: 70pp., Cont.-in-part of U.S. Ser. No. 42,421. CODEN: USXXCO

LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: 424140100

IPC/R/8 + Level	Value	Position	Status	Version	Action	Source	Office:	
A61K-0039/00	A	I	F	B	20060101	20060921	H	US
A61K-0039/395	A	I	L	B	20060101	20060921	H	US
C12N-0005/08	A	I	L	B	20060101	20060921	H	US
C07K-0014/705	A	I	L	B	20060101	20060921	H	US

5/3/18 (Item 3 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

(c) 2009 American Chemical Society. All rts. reserv.

145096397 CA: 145(6)96397w PATENT
CD44 glycoforms HCELLs (hematopoietic cell E-selectin/L-selectin ligands), and uses for isolating stem cells and treating and diagnosing disorders

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: The Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200668720 A2 DATE: 20060629

APPLICATION: WO 2005US40652 (20051110) *US 200142421 (20011018) *US 2004PV627464 (20041112) *US 2005PV673982 (20050422)

PAGES: 137 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

IPC/R/8 + Level Value Position Status Version Action Source Office:
A61K-0048/00 A I F B 20060101 H US

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

5/3/19 (Item 4 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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142480790 CA: 142(26)480790v PATENT

Antibodies to HCELL glycoform of CD44

INVENTOR(AUTHOR): Sackstein, Robert

LOCATION: USA

ASSIGNEE: Brigham and Women's Hospital, Inc.

PATENT: PCT International ; WO 200546597 A2 DATE: 20050526

APPLICATION: WO 2004US37138 (20041108) *US 2003PV518353 (20031107)

PAGES: 71 pp. CODEN: PIXXD2 LANGUAGE: English

PATENT CLASSIFICATIONS:

CLASS: A61K-000/A

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG

5/3/20 (Item 5 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)

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139143939 CA: 139(10)143939n PATENT

Preparation of fluorinated glucosamine analogs that inhibit cell migration and inflammation

INVENTOR(AUTHOR): Sackstein, Robert; Dimitroff, Charles J.; Bernacki,

Ralph J.; Sharma, Moheswar; Matta, Khushi L.; Paul, Brajeswar
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20030148997 A1 DATE: 20030807
APPLICATION: US 305812 (20021126) *US PV334151 (20011128)
PAGES: 37 pp. CODEN: USXXCO LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 514062000; A61K-031/7008A; A61K-031/573B; A61K-031/415B;
A61K-031/192B

5/3/21 (Item 6 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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137017447 CA: 137(2)17447w PATENT
Hematopoietic cell E-selection/L-selectin ligand polypeptides and methods
of use thereof
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
ASSIGNEE: The Brigham and Women's Hospital, Inc.
PATENT: PCT International ; WO 200244342 A2 DATE: 20020606
APPLICATION: WO 2001US51014 (20011018) *US PV240987 (20001018) *US
PV297474 (20010611)
PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12N-000/A
DESIGNATED COUNTRIES: CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK
; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR
? ds

Set	Items	Description
S1	204	E1-E7
S2	34	S1 AND (HCELL OR CD44H)
S3	21	RD S2 (unique items)
S4	35	S1 AND (CD44 OR KGLA) (20N) (HECA(W) 452 OR L(W) SELECTIN OR C-D62L OR LAM(W) 1)
S5	21	RD S4 (unique items)
? s (hcell or cd44H)		
	52	HCELL
	526	CD44H
S6	576	(HCELL OR CD44H)
? s (hcell or cd44H) (20n) (heca(W) 452 or l(w)selectin or lam(1) or cd62L)		
	52	HCELL
	526	CD44H
	505	HECA
	10109	452
	452	HECA(W) 452
2883652	L	
	51021	SELECTIN
	12760	L(W)SELECTIN
	0	LAM(1)
	5414	CD62L
S7	38	(HCELL OR CD44H) (20N) (HECA(W) 452 OR L(W)SELECTIN OR LAM(1) OR CD62L)
? rd s7		
S8	19	RD S7 (unique items)
? t s8/3/all		

8/3/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0021105732 BIOSIS NO.: 200900447169
Glycosyltransferase-programmed stereosubstitution (GPS) to create HCELL:
engineering a roadmap for cell migration
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, Harvard Inst Med,
77 Ave Louis Pasteur, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: Rsackstein@rics.bwh.harvard.edu
JOURNAL: Immunological Reviews 230 p51-74 JUL 2009 2009
ISSN: 0105-2896
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

8/3/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0020748158 BIOSIS NO.: 200900088492
Programming Stem Cell Migration: "Steering" Regenerative Therapeutics by Ex
Vivo Glycan Engineering of HCELL
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Univ, Brigham and Womens Hosp, Sch Med, Boston, MA
02115 USA**USA
JOURNAL: Glycobiology 18 (11): p949 NOV 2008 2008
CONFERENCE/MEETING: Annual Meeting of the Society-for-Glycobiology Ft
Worth, TX, USA November 12 -15, 2008; 20081112
SPONSOR: Soc Glycobiol
ISSN: 0959-6658
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

8/3/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0020439296 BIOSIS NO.: 200800486235
Colon carcinoma cells express multiple glycoforms of CD44: Structural
biology of HCELL
AUTHOR: Burdick Monica M (Reprint); Silvescu Cristina; Sackstein Robert
AUTHOR ADDRESS: Ohio Univ, Athens, OH 45701 USA**USA
JOURNAL: Proceedings of the American Association for Cancer Research Annual
Meeting 49 p463 APR 2008 2008
CONFERENCE/MEETING: 99th Annual Meeting of the
American-Association-for-Cancer-Research San Diego, CA, USA April 12 -16,
2008; 20080412
SPONSOR: Amer Assoc Canc Res
ISSN: 0197-016X
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

8/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0020430682 BIOSIS NO.: 200800477621

L-selectin-mediated lymphocyte-cancer cell interactions under low fluid shear conditions
AUTHOR: Resto Vicente A; Burdick Monica M; Daga Nilesh M; McCammon Susan D ; Fennewald Susan M; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Univ, Skin Dis Res Ctr, 77 Ave Louis Pasteur, Rm 671, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Biological Chemistry 283 (23): p15816-15824 JUN 6 2008
ITEM IDENTIFIER: doi:10.1074/jbc.M708899200
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

8/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0020118956 BIOSIS NO.: 200800165895
Ex vivo glycan engineering of CD44 programs human multipotent mesenchymal stromal cell trafficking to bone
AUTHOR: Sackstein Robert (Reprint); Merzaban Jasmeen S; Cain Derek W; Daga Nilesh M; Spencer Joel A; Lin Charles P; Wohlgemuth Roland
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Dermatol, 75 Francis St, Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Nature Medicine 14 (2): p181-187 FEB 2008 2008
ITEM IDENTIFIER: doi:10.1038/nm1703
ISSN: 1078-8956
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

8/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0019598682 BIOSIS NO.: 200700258423
HCELL is the major E- and L-selectin ligand expressed on human hematopoietic progenitor cells and colon carcinoma cells.
AUTHOR: Chu Julia T (Reprint); Burdick Monica M; Sackstein Robert
AUTHOR ADDRESS: Brigham and Womens Hosp, Dept Med, Boston, MA 02115 USA** USA
JOURNAL: Blood 108 (11, Part 1): p477A-478A NOV 16 2006 2006
CONFERENCE/MEETING: 48th Annual Meeting of the American-Society-of-Hematology Orlando, FL, USA December 09 -12, 2006;
20061209
SPONSOR: Amer Soc Hematol
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Poster
RECORD TYPE: Abstract
LANGUAGE: English

8/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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19252010 BIOSIS NO.: 200600597405
Expression of HCELL confers shear-resistant E- and L-
selectin ligand activity on colon carcinoma cells
AUTHOR: Burdick Monica M (Reprint); Chu Julia T; Knoblauch Christine A;
Sackstein Robert
AUTHOR ADDRESS: Brigham and Womens Hosp, Boston, MA 02115 USA**USA
JOURNAL: Proceedings of the American Association for Cancer Research Annual
Meeting 47 p801 APR 2006 2006
CONFERENCE/MEETING: 97th Annual Meeting of the
American-Association-for-Cancer-Research (AACR) Washington, DC, USA April
01 -05, 2006; 20060401
SPONSOR: Amer Assoc Canc Res
ISSN: 0197-016X
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

8/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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19125608 BIOSIS NO.: 200600471003
HCELL is the major E- and L-selectin ligand expressed on
LS174T colon carcinoma cells
AUTHOR: Burdick Monica M; Chu Julia T; Godar Samuel; Sackstein Robert
(Reprint)
AUTHOR ADDRESS: Harvard Univ, Inst Med, 77 Ave Louis Pasteur,Rm 671,
Boston, MA 02115 USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Biological Chemistry 281 (20): p13899-13905 MAY 19
2006 2006
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

8/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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18669741 BIOSIS NO.: 200600015136
CD44 on LS174T colon carcinoma cells possesses E-selectin ligand activity
AUTHOR: Hanley William D; Burdick Monica M; Konstantopoulos Konstantinos;
Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Inst Med, 77 Ave Louis Pasteur,Room 671, Boston, MA
02115 USA**USA
AUTHOR E-MAIL ADDRESS: kkonstal@jhu.edu
JOURNAL: Cancer Research 65 (13): p5812-5817 JUL 1 2005 2005
ISSN: 0008-5472
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

8/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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18075717 BIOSIS NO.: 200400443636

The bone marrow is akin to skin: HCELL and the biology of hematopoietic stem cell homing
AUTHOR: Sackstein Robert (Reprint)
AUTHOR ADDRESS: Inst Med, Harvard Univ, 77 Ave Louis Pasteur, Room 671, Boston, MA, 02115, USA**USA
AUTHOR E-MAIL ADDRESS: rsackstein@rics.bwh.harvard.edu
JOURNAL: Journal of Investigative Dermatology Symposium Proceedings 9 (3): p215-223 September 2004 2004
MEDIUM: print
ISSN: 1087-0024 _ (ISSN print)
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

8/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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17794738 BIOSIS NO.: 200400162079
CD44/HCELL is an E- and L-selectin ligand on murine hematopoietic progenitor cells.
AUTHOR: Cain Derek W (Reprint); Schreiber Taylor H (Reprint); Dimitroff Charles J (Reprint); Chung Christine (Reprint); Otero Jaclyn (Reprint); Sackstein Robert (Reprint)
AUTHOR ADDRESS: Department of Dermatology, Brigham and Women's Hospital, Harvard Medical School, Boston, MA, USA**USA
JOURNAL: Blood 102 (11): p180b November 16, 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 45th Annual Meeting of the American Society of Hematology San Diego, CA, USA December 06-09, 2003; 20031206
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

8/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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16806841 BIOSIS NO.: 200200400352
Expression of selectin ligands on blasts from human acute leukemias
AUTHOR: Sackstein R; Dimitroff C; Lee J
JOURNAL: Experimental Hematology (Charlottesville) 30 (6 Supplement 1): p 81 June, 2002 2002
MEDIUM: print
CONFERENCE/MEETING: 31st Annual Meeting of the International Society for Experimental Hematology Montreal, Quebec, Canada July 05-09, 2002; 20020705
ISSN: 0301-472X
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

8/3/13 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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16627075 BIOSIS NO.: 200200220586
Homing and hematopoiesis: HCELL is the principal E-selectin and L-selectin ligand of human hematopoietic stem cells
AUTHOR: Sackstein Robert (Reprint); Dimitroff Charles J (Reprint); Lee Jack Y (Reprint); Fuhlbrigge Robert C (Reprint); Parmar Kalindi; Mauch Peter M ; Sandmaier Brenda M
AUTHOR ADDRESS: Dermatology and Medicine, Brigham and Women's Hospital, Boston, MA, USA**USA
JOURNAL: Blood 98 (11 Part 1): p710a November 16, 2001 2001
MEDIUM: print
CONFERENCE/MEETING: 43rd Annual Meeting of the American Society of Hematology, Part 1 Orlando, Florida, USA December 07-11, 2001; 20011207
SPONSOR: American Society of Hematology
ISSN: 0006-4971
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Abstract
LANGUAGE: English

8/3/14 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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16567681 BIOSIS NO.: 200200161192
Differential L-selectin binding activities of human hematopoietic cell L-selectin ligands, HCELL and PSGL-1
AUTHOR: Dimitroff Charles J; Lee Jack Y; Schor Kenneth S; Sandmaier Brenda M; Sackstein Robert (Reprint)
AUTHOR ADDRESS: Harvard Institutes of Medicine, Harvard Skin Disease Research Center, 77 Ave. Louis Pasteur, Boston, MA, 02115, USA**USA
JOURNAL: Journal of Biological Chemistry 276 (50): p47623-47631 December 14, 2001 2001
MEDIUM: print
ISSN: 0021-9258
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

8/3/15 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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148198515 CA: 148(9)198515n PATENT
A method of modulating expression of selectin ligands on cells by modulating cytokine induction of glycosylation enzymes, and uses thereof
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
PATENT: PCT International ; WO 200811094 A2 DATE: 20080124
APPLICATION: WO 2007US16352 (20070718) *US 2006PV831525 (20060718)
PAGES: 61pp. CODEN: PIXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:

IPC	R	/	Level	Value	Position	Status	Version	Action	Source	Office:
C12N	-	0005	/06	A	I	F	B	20060101	H	EP
A61K	-	0038	/19	A	I	L	B	20060101	H	EP
A61K	-	0038	/20	A	I	L	B	20060101	H	EP
A61K	-	0038	/17	A	I	L	B	20060101	H	EP
A61K	-	0039	/395	A	I	L	B	20060101	H	EP
A61P	-	0029	/00	A	I	L	B	20060101	H	EP
A61P	-	0035	/00	A	I	L	B	20060101	H	EP
A61P	-	0009	/10	A	I	L	B	20060101	H	EP

DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BH; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DO; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; GT; HN; HR; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LA; LC; LK; LR; LS; LT; LU; LY; MA; MD; ME; MG; MK; MN; MW; MX; MY; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RS; RU; SC; SD; SE; SG; SK; SL; SM; SV; SY; TJ; TM; TN; TR; TT; TZ DESIGNATED REGIONAL: AT; BE; BG; CH; CY; CZ; DE; DK; EE; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC; MT; NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML; MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/16 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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145342289 CA: 145(17)342289z PATENT
HCELL (hematopoietic cell E-selectin/L-selectin ligand) glycoforms of CD44, a method of increasing the stem cell affinity for selectin, and therapeutic uses
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
PATENT: U.S. Pat. Appl. Publ. ; US 20060210558 A1 DATE: 20060921
APPLICATION: US 2005272453 (20051110) *US 2000PV240987 (20001018) *US 2001PV297474 (20010611) *US 200142421 (20011018) *US 2004PV627464 (20041112) *US 2005PV673982 (20050422)
PAGES: 70pp., Cont.-in-part of U.S. Ser. No. 42,421. CODEN: USXXCO
LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: 424140100
IPCR/8 + Level Value Position Status Version Action Source Office:
A61K-0039/00 A I F B 20060101 20060921 H US
A61K-0039/395 A I L B 20060101 20060921 H US
C12N-0005/08 A I L B 20060101 20060921 H US
C07K-0014/705 A I L B 20060101 20060921 H US

8/3/17 (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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145096397 CA: 145(6)96397w PATENT
CD44 glycoforms HCELLS (hematopoietic cell E-selectin/L-selectin ligands), and uses for isolating stem cells and treating and diagnosing disorders
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
ASSIGNEE: The Brigham and Women's Hospital, Inc.
PATENT: PCT International ; WO 200668720 A2 DATE: 20060629
APPLICATION: WO 2005US40652 (20051110) *US 200142421 (20011018) *US 2004PV627464 (20041112) *US 2005PV673982 (20050422)
PAGES: 137 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
IPCR/8 + Level Value Position Status Version Action Source Office:
A61K-0048/00 A I F B 20060101 H US
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; LY; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO; RU; SC; SD; SE; SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ; VC; VN; YU; ZA DESIGNATED REGIONAL: AT; BE; BG; CH

; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LT; LU; LV; MC;
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;
MR; NE; SN; TD; TG; BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL; SZ; TZ; UG; ZM;
ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM

8/3/18 (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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142480790 CA: 142(26)480790v PATENT
Antibodies to HCELL glycoform of CD44
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
ASSIGNEE: Brigham and Women's Hospital, Inc.
PATENT: PCT International ; WO 200546597 A2 DATE: 20050526
APPLICATION: WO 2004US37138 (20041108) *US 2003PV518353 (20031107)
PAGES: 71 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: A61K-000/A
DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG; BR; BW; BY;
BZ; CA; CH; CN; CO; CR; CU; CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI; GB; GD;
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;
LT; LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;
UZ; VC; VN; YU; ZA; ZM; ZW DESIGNATED REGIONAL: BW; GH; GM; KE; LS; MW; MZ
; NA; SD; SL; SZ; TZ; UG; ZM; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM; AT;
BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR; HU; IE; IS; IT; LU; MC;
NL; PL; PT; RO; SE; SI; SK; TR; BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW; ML;
MR; NE; SN; TD; TG

8/3/19 (Item 5 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
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137017447 CA: 137(2)17447w PATENT
Hematopoietic cell E-selection/L-selectin ligand polypeptides and methods
of use thereof
INVENTOR(AUTHOR): Sackstein, Robert
LOCATION: USA
ASSIGNEE: The Brigham and Women's Hospital, Inc.
PATENT: PCT International ; WO 200244342 A2 DATE: 20020606
APPLICATION: WO 2001US51014 (20011018) *US PV240987 (20001018) *US
PV297474 (20010611)
PAGES: 94 pp. CODEN: PIXXD2 LANGUAGE: English
PATENT CLASSIFICATIONS:
CLASS: C12N-000/A
DESIGNATED COUNTRIES: CA; JP DESIGNATED REGIONAL: AT; BE; CH; CY; DE; DK
; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT; SE; TR
?